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## UTILITY PATENT APPLICATION

Dated: July 14, 2003

Signature: \_

Attorney Docket No.		No.	104678-0006				
		Stefan Eder					
	METHOD FOR SETTING UP A PROGRAM- CONTROLLED CIRCUIT ARRANGEMENT AND						
Title	CONTROLLED CIRCUIT ARRANGEMENT AND						
	01001		DOANOENENT FOR EVECUTION OF				

(Michael D. Feiler)

TRANSMITTAL CIRCUIT ARRANGEMENT FOR EXECUTION OF (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. EV324846632US MS Patent Application APPLICATION ELEMENTS Commissioner for Patents ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria, VA 22313-1450 CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g., PTO/SB/17) nit an original, and a du Computer Program (Appendix) Applicant claims small entity status. Nucleotide and/or Amino Acid Sequence Submission 8. See 37 CFR 1.27. (if applicable, all necessary) Specification [Total Pages 12 Computer Readable Form (CRF) 3. Х (preferred arrangement set forth below) Specification Sequence Listing on: - Descriptive title of the invention Cross Reference to Related Applications CD-ROM or CD-R (2 copies); or Paper Statement Regarding Fed sponsored R & D Reference to sequence listing, a table Statements verifying identity of above copies or a computer program listing appendix Background of the Invention ACCOMPANYING APPLICATIONS PARTS Brief Summary of the Invention Assignment Papers (cover sheet & document(s)) - Brief Description of the Drawings (if filed) - Detailed Description 37 CFR 3.73(b) Statement Power of - Claim(s) 10. (when there is an assignee) Abstract of the Disclosure X Drawing(s) (35 U.S.C. 113) [Total Sheets 11. English Translation Document (if applicable) Information Disclosure Copies of IDS 5. Cath or Declaration [Total Sheets 12. Statement (IDS)/PTO-1449 Citations Unexecuted (original or copy) 13 Х **Preliminary Amendment** Return Receipt Postcard (MPEP 503) Copy from a prior application (37 CFR 1.63(d)) 14 (for continuation/divisional with Box 18 completed) (Should be specifically itemized) Certified Copy of Priority Document(s) 15 DELETION OF INVENTOR(S) Х (if foreign priority is claimed) Signed statement attached deleting Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 16. Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: 6. X Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification folloving the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation-in-part (CIP) of prior application No.: Continuation Divisional Prior application information: Examiner Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 021125 Correspondence address below Customer Number or Bar Code Label **NUTTER MCCLENNEN & FISH LLP** Name Michael G. Verga World Trade Center West Address 155 Seaport Boulevard Zip Code | 02210-2604 City **Boston** State MA (617) 439-2871 (617) 310-9871 Country US Telephone Registration No. (Attorney/Agent) 39,410 Name (Print/Type) Michael G. **V**jerga Date July 14, 2003 Signature Utility Patent Application Transmittal I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV324846632US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

PTO/SB/17 (05-03)

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CCC TO A NICHMITT A I		Complete if Known						
FEE TRANSMITTAL		Application Number Not Yet Assigned						
for FY 2003		Filing Date July 14, 2003			July 14, 2003			
Effective 01/01/2003, Patent fees are subject to annual revision		First Named Inventor Stefan Eder			ntor Stefan Eder			
Energy of the 172003, I along feed and subject to difficult revision		Examiner Name Not Yet Assigned			Not Yet Assigned			
Applicant claims small entity status. See 37 CFR 1.27		Art Unit N/A			N/A			
TOTAL AMOUNT OF PAYMENT (\$) 750.00	Attorney Docket No. 104678-0006				104678-0006			
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)							
Credit Money	3. ADDITIONAL FEES							
X Check Card Order Other None	] 3. <i>F</i>	יוווטטי	JNAL	LEES				
Deposit Account				<u>.</u>				
Deposit 141440	Large Fee	Entity Fee	Small Fee	Entity Fee	_			
Account 141449 Number	Code	(\$)	Code	(\$)	Fee Description Fee Paid			
Deposit Account Nutter McClennen & Fish LLP	1051	130	2051	65	Surcharge – late filing fee or oath			
Name The Director is hereby authorized to: (check all that apply)	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.			
Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English specification			
Charge any additional fee(s) during the pendency of this	1812	2,520	1812		For filing a request for ex parte reexamination			
application	1804	920*	1804	920*	Requesting publication of SIR prior to			
Charge fee(s) indicated below, except for the filing fee					Examiner action Requesting publication of SIR after			
to the above-identified deposit account.	1805	1,840*	1805		Examiner action			
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month			
1. BASIC FILING FEE	1252	410	2252	205	Extension for reply within second month			
Large Entity   Small Entity   Fee   Fee   Fee   Fee   Fee   Fee   Paid	1253	930	2253	465	Extension for reply within third month			
Code (\$) Code (\$)	1254	1,450	2254	725	Extension for reply within fourth month			
1001 750 2001 375 Utility filing fee 750.00	1255	1,970	2255	985	Extension for reply within fifth month			
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of Appeal			
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a brief in support of an appeal			
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing			
1005 160 2005 80 Provisional filing fee	1451	1,510	1451		Petition to institute a public use proceeding			
SUBTOTAL (1) (\$) 750.00	1452	110	2452	55 650	Petition to revive – unavoidable			
	1453 1501	1,300	2501		Petition to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  Extra Fee from		1,300	ŀ	650	Utility issue fee (or reissue)			
Claims below Fee Paid	1502	470	2502	235	Design issue fee			
Total Claims 14 -20** = x = 0.00	1503	630	2503	315	Plant issue fee			
Claims 2 -3** = x = 0.00	1460	130	1460	130	Petitions to the Commissioner			
Multiple Dependent	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)			
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt			
Fee Fee Fee Fee Fee Description	8021	40	8021	40	Recording each patent assignment per property (times number of properties)			
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))			
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be examined (37CFR 1.129(b))			
1204 84 2204 42 ** Reissue independent claims	1801	750	2801	375				
over original patent	1802	900	1802	900	Request for expedited examination			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	of a design application Other fee (specify)							
SUBTOTAL (2) (\$) 0.00	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00							
**or number previously paid, if greater, For Reissues, see above								
SUBMITTED BY Complete (if applicable)								
Name (Print/Type) Michael G. Verga		ration No ey/Agent		,410	Telephone (617) 439-2871			
Signature		<del> </del>			Date July 14, 2003			

Fee Transmittal
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Attorney Docket No.: 104678-0006

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on July 14, 2003

Date

Michael D. Feiler

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

**Application Data Sheet**